Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

** SBFCA currently has operation and maintenance obligations during project construction and closeout.

Levee District No. 0001 (Sutter County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Feather River	Right	16.11	03/13/2018 03/13/2018	Sterling York

LM Start		Rating **	Α	Issue No.		4	_	
LM End		Issue Type +	Ма	Location *		<u> </u>		
Cotagon Earthen Levee				GPS La	atitud	le/Longitude		
Calegory	Category					End		
Item	Operations & Maintenance				0		0	
пеш	Manuals			0		0		
DWR ID DWR_LD0001S_01_s _ 2013_4								
		Comn	nent Cod	le				
		1	0	1				
		Inspecto	or Comm	ient				
O&M manuals are stored at the district office at 243 2nd st, Yuba City, CA.								
	<i>O</i> 7.							

No Photos

LM Start		Rating **	Α	Issue No.		5		
LM End		Issue Type +	Ma	Location *				
Category	Earthen Levee			GPS Latitude/Longitude				
Calegory				Start		End		
Emergency Supplies &				0		0		
item	Item Equipment				0		0	
DWR ID								
Comment Code								

No Photos

Inspector Comment

Supplies and flood fight equipment are stored at the district office. They also went in with RD784 in their large stockpile of flood fight supplies located in their district.

N: Not Inspected/Rated C : Corrected

+ Issue Type Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

A/W : Acceptable but Monitor & Maintain En: Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

** SBFCA currently has operation and maintenance obligations during project construction and closeout.

Levee District No. 0001 (Sutter County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Feather River	Right	16.11	03/13/2018 03/13/2018	Sterling York

LM Start		Rating **	Α	Issue No.		6	
LM End		Issue Type +	Ma	Location *			
Category	Earthen Levee GPS Latitude/Longitude				le/Longitude		
Calegory				Start		End	
Item	Flood Pre	paredness &		0		0	
item					0		0
DWR ID	DWR_LD0	001S_01_s _ 20	13_6				
		Comn	nent Cod	le			
Inspector Comment							
Drew and to by DWR a		employees at annually.	ttended t	he Flood F	ight	class put on	

No Photos

LM Start	0.02	Rating **	Α	Issue No.		16	
LM End	16.10	Issue Type + Ma		Location *		LS	
Category Earthen Levee				GPS Latitude/Longitude			
Calegory		Start		End			
Item	Vegetatio	n		38.9511	82 °	39.168748°	
iteiii				-121.5856	89°	-121.622711 °	
DWR ID DWR_LD0001S_01_s _ 2018_16						·	
		_					

Comment Code

V1 : Control annual grass and weeds on the levee slopes and easements.

Inspector Comment

Annual Vegetation is well maintained the entire length of the levee, Spring 2018.

Photo 1 of 3: SP_2018_LD0001S_433_16_20180319_00055.jpg



View looking upstream landside of the well maintained annual vegetation at Levee Mile 0.02, Spring 2018.

N: Not Inspected/Rated C: Corrected A/W: Acceptable but Monitor & Maintain

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

** SBFCA currently has operation and maintenance obligations during project construction and closeout.

Levee District No. 0001 (Sutter County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Feather River	Right	16.11	03/13/2018 03/13/2018	Sterling York

LM Start	0.02	Rating **	Α	Issue No.		16 (cont)	
LM End	16.10	Issue Type +	Ma	Location *		LS	
Category	Earthen Levee				atitud	le/Longitude	
Calegory				Start		End	
Vegetation				38.9511	82 °	39.168748 °	
пеш				-121.5856	89°	-121.622711 °	
DWR ID DWR_LD0001S_01_s _ 2018_16							
	Comment Code						
V1 : Contro easements		rass and wee	ds on th	e levee slo	pes	and	
		Inspecto	or Comm	nent			
Annual Vegetation is well maintained the entire length of the levee, Spring 2018.							

LM Start	0.02	Rating **	Α	Issue No.	16 (cont)
LM End	16.10	Issue Type +	Ma	Location *	LS



View looking upstream landside of the well maintained annual vegetation at Levee Mile 6.16, Spring 2018.

Photo 3 of 3: SP_2018_LD0001S_433_16_20180319_00057.jpg



View looking upstream landside of the well maintained annual vegetation at Levee Mile 10.48, Spring 2018.

N: Not Inspected/Rated C: Corrected A/W: Acceptable but Monitor & Maintain

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

** SBFCA currently has operation and maintenance obligations during project construction and closeout.

Levee District No. 0001 (Sutter County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Feather River	Right	16.11	03/13/2018 03/13/2018	Sterling York

LM Start	0.02	Rating **	Α	Issue No.		17	
LM End	16.10	Issue Type +	Ма	Location *		WS	
Category	Earthen Levee				atitud	e/Longitude	
Calegory				Start		End	
Item	Vegetation				82°	39.168748 °	
item			-121.5856	89°	-121.622711 °		
DWR ID DWR_LD0001S_01_s _ 2018_17							
		Comn	nent Cod	le			
V1 : Contro easements		grass and wee	ds on th	e levee slo	pes	and	
		Inspecto	or Comm	nent			
Annual Vegetation is well maintained the entire length of the levee, Spring 2018.							

LM Start	0.02	Rating **	Α	Issue No.	17 (cont)
LM End	16.10	Issue Type +	Ma	Location *	WS



View looking upstream waterside of the well maintained annual vegetation at Levee Mile 0.02, Spring 2018.

Photo 2 of 3: SP_2018_LD0001S_433_17_20180319_00058.jpg



View looking upstream waterside of the well maintained annual vegetation at Levee Mile 6.24, Spring 2018.

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

** SBFCA currently has operation and maintenance obligations during project construction and closeout.

Levee District No. 0001 (Sutter County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Feather River	Right	16.11	03/13/2018 03/13/2018	Sterling York

LM Start	0.02 Rating ** A		Issue No.		17 (cont)		
LM End	16.10	Issue Type +	Ma	Location *	WS		
Cotogon Earthen Levee				GPS La	tituc	le/Longitude	
Category		Start		End			
Item	Vegetatio	n		38.95118	32 °	39.168748	0
item			-121.58568	39°	-121.622711	0	
DWR ID DWR_LD0001S_01_s _ 2018_17							
Comment Code							

V1: Control annual grass and weeds on the levee slopes and easements

Inspector Comment

Annual Vegetation is well maintained the entire length of the levee, Spring 2018.

Photo 3 of 3: SP_2018_LD0001S_433_17_20180319_00060.jpg



View looking upstream waterside of the well maintained annual vegetation at Levee Mile 10.92, Spring 2018.

LM Start	2.21	Rating **	М	Issue No.		39
LM End	2.21	Issue Type +	Ma	Location *		
Supplemental				GPS Latitude/Longitude		
Calegory	Category					End
Item	DWR UCIP LMA Responsibility		38.9821	35°	38.982135°	
пеш				-121.5919	74°	-121.591974°
DWR ID					·	

Comment Code

Inspector Comment

FS_ID:11383 DS_ID:17915 EP_NO: N/A

Repair Type: Non-Urgent Crossing Status: Found

UCIP Comments: Siphon breaker cap missing. Sump pump and gate valve at landward toe not found may be due to dense vegetation. FIELD_STRUCT_DESC: 8-inch coated steel pipe of an unknown purpose through the levee, 4.6 feet below the crown. Siphon breaker in a corrugated metal pipe (CMP) riser on the landside (LS) slope. [Additional Reference(s): DWR Levee Log, 2005. USACE Sacramento

O&M Manual 144, August 1955, (Station 638+07)].

FS Date: 4/12/2013

Photo 1 of 3: UCIP_SP_2018_11383_18782.jpg



WS- 8-inch steel pipe and disconnected pvc pipe on levee slope

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

** SBFCA currently has operation and maintenance obligations during project construction and closeout.

Levee District No. 0001 (Sutter County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Feather River	Right	16.11	03/13/2018 03/13/2018	Sterling York

LM Start	2.21	Rating **	М	Issue No.	Issue No. 39 (cont)	
LM End	2.21	Issue Type +	Ma	Ma Location *		
Supplemental				GPS La	atitud	le/Longitude
Calegory	Category					End
Item	DWR UC	IP LMA Respo	onsibility	38.9821	35 °	38.982135 °
пеш			-121.5919	74 °	-121.591974 °	
DWR ID						
Comment Code						

Inspector Comment

FS_ID:11383 DS_ID:17915 EP_NO: N/A

Repair Type: Non-Urgent Crossing Status: Found

UCIP Comments: Siphon breaker cap missing. Sump pump and gate valve at landward toe not found may be due to dense vegetation. FIELD_STRUCT_DESC: 8-inch coated steel pipe of an unknown purpose through the levee, 4.6 feet below the crown. Siphon breaker in a corrugated metal pipe (CMP) riser on the landside (LS) slope. [Additional Reference(s): DWR Levee Log, 2005. USACE Sacramento O&M Manual 144, August 1955, (Station 638+07)].

FS Date: 4/12/2013

LM Start	2.21	Rating **	М	Issue No.	39 (cont)
LM End	2.21	Issue Type +	Ma	Location *	



WS-a disconnected pvc pipe on levee slope

Photo 3 of 3: UCIP_SP_2018_11383_18780.jpg



LS- CMP riser on levee slope with dense vegetation.

En: Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

** SBFCA currently has operation and maintenance obligations during project construction and closeout.

Levee District No. 0001 (Sutter County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Feather River	Right	16.11	03/13/2018 03/13/2018	Sterling York

LM Start	4.41	Rating **	A/W	Issue No.		36		
LM End	4.41	Issue Type +	Ma	Location *		WS		
Category	Earthen L	evee		GPS La	atitud	e/Longitude		
Calegory				Start		End		
Item	Slope Sta	bility		39.0114	93°	39.011493°		
пеш				-121.603624°		-121.603624°		
DWR ID DWR_LD0001S_01_f _ 2016_36								
	Comment Code							
S3 : Repai access wh		slope damag le.	ed by ve	ehicle traffic	anc	prevent		
		Inspecto	or Comm	nent				
No erosion or separation on slope, continue to monitor, Fall 2017.								

		-65-4	-	
	-	ALL AND	1000年	8
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	The second second	P. Van		003

Photo 1 of 2: SP_2018_LD0001S_433_36_20180302_00015.jpg

View of waterside slope where vehicles have been driving up and down to go around gate. Fall 2017.

LM Start 4.41 Rating ** A/W Issue No. 36 (cont) LM End 4.41 Issue Type + Ma Location * WS

Photo 2 of 2: SP_2018_LD0001S_433_36_20180302_00016.jpg



View of waterside slope where vehicles have been driving up and down to go around gate. Fall 2016.

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

** SBFCA currently has operation and maintenance obligations during project construction and closeout.

Levee District No. 0001 (Sutter County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Feather River	Right	16.11	03/13/2018 03/13/2018	Sterling York

LM Start	5.02	Rating **	A/W	Issue No.	25			
LM End	5.02	Issue Type +	Ma	Location *				
Category	Suppleme	ental		GPS La	atitud	le/Longitude		
Calegory				Start		End		
2017 Storm Damage				39.0183	22 °	39.018322°		
item				-121.610275 °		-121.610275 °		
DWR ID	DWR_LD00	001S_01_f _ 20	17_25					
		Comn	nent Cod	le				
Inspector Comment								
Levee Eva	luation Co	mments						

Levee Evaluation Comments
Description:

Site ID No:145

Site Designation:LD1-S-02 Repair Type: Erosion Rating:Critical Field Date:7/17/2017

Notes:

LM Start	5.02	Rating **	A/W	Issue No.	25 (cont)
LM End	5.02	Issue Type +	Ma	Location *	



Photo 2 of 3: LEVAL_SP_2018_145_1768.jpg



N: Not Inspected/Rated C: Corrected A/W: Acceptable but Monitor & Maintain

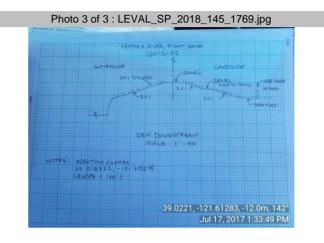
Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

** SBFCA currently has operation and maintenance obligations during project construction and closeout.

Levee District No. 0001 (Sutter County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Feather River	Right	16.11	03/13/2018 03/13/2018	Sterling York

LM Start	5.02	Rating **	A/W	Issue No.		25 (cont)	
LM End	5.02	Issue Type +	Ма	Location *			
Supplemental				GPS La	atitud	e/Longitude	
Category				Start		End	
Item	2017 Stor	m Damage		39.0183	322°	39.018322°	
пеш				-121.6102	275 °	-121.610275°	
DWR ID DWR_LD0001S_01_f _ 2017_25							
		Comn	nent Cod	de			
		Inspecto	or Comm	nent			
	Levee Evaluation Comments						
	Description:						
Site ID No	Site ID No:145						



Repair Type: Erosion
Rating:Critical
Field Date:7/17/2017
Notes:

LM Start 6.81 Rating ** C Issue No.

Site Designation:LD1-S-02

LM Start	6.81	Rating **	С	Issue No.		20	
LM End	6.81	Issue Type +	Ma	Location *	LS		
Category	Earthen Levee		n Levee			e/Longitude	
Calegory				Start		End	
Item	Animal Co	ontrol		39.0432	62 °	39.043262	٥
пеш				-121.6115	27 °	-121.611527	٥
DWR ID	DWR_LD0	001S_01_s _ 20	17_20				

Comment Code

A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.

Inspector Comment

Large animal burrows on slope approximately 50 feet from waterside hinge point has been repaired April 17, 2018. No signs of animal activity, Spring 2018.

No Photos

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

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Levee District No. 0001 (Sutter County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Feather River	Right	16.11	03/13/2018 03/13/2018	Sterling York

	7.00	Dating **	A /\ A /	Issue No.		40	
LM Start	7.69	Rating **	A/W	issue ivo.		19	
LM End	7.74	Issue Type +	Ma	Location *			
Supplemental				GPS La	atitud	le/Longitude	
Calegory	Category					End	
Item	2017 Storm Damage			39.0559	86°	39.056710 °	
item		-121.611301 °		-121.611331 °			
DWR ID	DWR_LD0	001S_01_f _ 20	17_19				
		Comn	nent Cod	de			
Inspector Comment							

Levee Evaluation Comments

Description: Site ID No:146

Site Designation:LD1-S-03 Repair Type: Erosion Rating:Area of Concern Field Date:8/3/2017

Notes:

LM Start	7.69	Rating **	A/W	Issue No.	19 (cont)
LM End	7.74	Issue Type +	Ma	Location *	



Photo 2 of 3: LEVAL_SP_2018_146_4053.jpg



+ Issue Type

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

** SBFCA currently has operation and maintenance obligations during project construction and closeout.

Levee District No. 0001 (Sutter County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Feather River	Right	16.11	03/13/2018 03/13/2018	Sterling York

LM Start	7.69	Rating **	A/W	Issue No.		19 (cont)			
LM End	7.74	Issue Type +	Ma	Location *					
Category	Suppleme		GPS La	atitud	le/Longitude				
Calegory				Start		End			
Item	2017 Stor	m Damage		39.0559	86 °	39.056710°			
пеш	em			-121.6113	01 °	-121.611331 °			
DWR ID DWR_LD0001S_01_f _ 2017_19									
	Comment Code								

Inspector Comment

Levee Evaluation Comments

Description: Site ID No:146

Site Designation:LD1-S-03 Repair Type: Erosion Rating:Area of Concern Field Date:8/3/2017

Notes:



LM Start	12.15	Rating **	A/W	Issue No.		31
LM End	15.09	Issue Type +	Ma	Location *		CR
Category	Earthen L	arthen Levee			titud	le/Longitude
Calegory				Start		End
Item		rface / Depres	ssions /	39.11684	16°	39.155672°
пеш	Rutting			-121.60452	24 °	-121.616478 °
DWR ID	DWR_LD00	001S_01_f _ 20	17_31			

Inspector Comment

Comment Code

This section of levee is still under construction, It has been brought up to grade and the bike path needs to be paved a few more punch list item finished up before it is turned over to the LMA, Spring 2018.

Photo 1 of 4: SP_2018_LD0001S_433_31_20180319_00066.jpg



View of erosion from run off at a ramp. This will be repaired with the punch list for the completion of the project, Spring 2018.

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

** SBFCA currently has operation and maintenance obligations during project construction and closeout.

Levee District No. 0001 (Sutter County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Feather River	Right	16.11	03/13/2018 03/13/2018	Sterling York

12.15	Rating **	A/W	Issue No.	31 (cont)			
15.09	Issue Type +	Ma	Location *	CR			
Category Earthen Levee				atitud	e/Longitude		
gory					End		
	39.1168	46°	39.155672 °				
Rutting			-121.6045	24 °	-121.616478 °		
DWR_LD00	001S_01_f _ 20	17_31					
	Comn	nent Cod	le				
	15.09 Earthen L Crown Su Rutting	15.09 Issue Type + Earthen Levee Crown Surface / Deprese Rutting DWR_LD0001S_01_f _ 20 Comm	15.09 Issue Type + Ma Earthen Levee Crown Surface / Depressions / Rutting DWR_LD0001S_01_f _ 2017_31 Comment Coc	15.09 Issue Type + Ma Location * Earthen Levee GPS La Start Crown Surface / Depressions / Rutting 39.1168 -121.6045	15.09 Issue Type + Ma Location * Earthen Levee GPS Latitud Start Crown Surface / Depressions / 39.116846 ° Rutting -121.604524 ° DWR_LD0001S_01_f _ 2017_31 Comment Code		

Inspector Comment

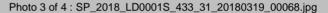
This section of levee is still under construction, It has been brought up to grade and the bike path needs to be paved a few more punch list item finished up before it is turned over to the LMA, Spring 2018.



View looking downstream. This section of levee is still under construction, It has been brought up to grade and the bike path needs to be paved, also a few more punch list item finished up before it is turned over to the LMA, Spring 2018.

 LM Start
 12.15
 Rating **
 A/W
 Issue No.
 31 (cont)

 LM End
 15.09
 Issue Type +
 Ma
 Location *
 CR





View looking upstream. This section of levee is still under construction, It has been brought up to grade and the bike path needs to be paved, also a few more punch list item finished up before it is turned over to the LMA, Spring 2018.

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

** SBFCA currently has operation and maintenance obligations during project construction and closeout.

Levee District No. 0001 (Sutter County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Feather River	Right	16.11	03/13/2018 03/13/2018	Sterling York

LM Start	12.15	Rating **	A/W	Issue No.	31 (cont)		
LM End	15.09	Issue Type +	Ма	Location *		CR	
Category	Earthen Levee			GPS Latitude/Longitude			
				Start	End		
Item	Crown Surface / Depressions / Rutting			39.1168	46°	39.155672°	
				-121.6045	24 °	-121.616478 °	
DWR ID	DWR_LD0001S_01_f _ 2017_31						
Comment Code							
Inspector Comment							

This section of levee is still under construction, It has been brought up to grade and the bike path needs to be paved a few more punch list item finished up before it is turned over to the LMA, Spring 2018.



View looking upstream at the start point of the new construction of the levee, Fall 2017.